

109 學年度第二學期 有機實驗課程表

日期	實驗項目	值日生組別
2/23	Check in	
3/09	Electrophilic aromatic substitution reaction : Synthesis of <i>p</i> -nitroacetanilide from acetanilide	2,4
3/16	Williamson ether synthesis : Preparation of allyl phenyl ether	5,7
3/23	Claisen rearrangement : Rearrangement of allyl phenyl ether	8,9,11
3/30	Benzilic acid rearrangement : Rearrangement of benzil to benzilic Acid	12,13,14
4/06	校際活動停課	
4/13	The chemistry of aldehydes and ketones : Sodium borohydride reduction of acetophenone	15,16
4/20	期中考週	
4/27	Aldol condensation : Synthesis of dibenzalacetone	17,18
5/4	Wittig reaction : Wittig olefination	19,20
5/11	Carboxylic acid and their derivatives : Hydrolysis of <i>p</i> -nitroacetanilide	22,23
5/18	Esterification : Synthesis of aspirin	24,25
5/25	Polyamide : Synthesis of nylon 10,6	26,27
	Check out	
6/01	補做週	
6/08	Final exam	

Textbook:

1. Fessenden, R. J.; Fessenden J. S. *Techniques and Experiment for Organic Chemistry*, Massachusetts, PWS, 1983
2. Pasto, D.; Johnson, C.; Miller, M.; *Experiments and Techniques in Organic Chemistry*, New Jersey, Prentic-Hall, 1992